

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

TW  
2872

Applicant(s): **Koji Kikushima**

Appln No.: **10/525,615**

Filed: **February 25, 2005**

For: **OPTICAL SIGNAL TRANSMITTER  
AND OPTICAL SIGNAL  
TRANSMISSION SYSTEM**

Group Art  
Unit:

**2872**

Examiner: **Not Yet Assigned**

Docket No.: **85052**

Cust. No.: **22242**

Conf. No.: **7793**

**CERTIFICATE OF MAILING**

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop **AMENDMENT**, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on this date.

8/14/05  
Date

Kenneth H. Samples  
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**INFORMATION DISCLOSURE STATEMENT**

Mail Stop **AMENDMENT**  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §§1.97 and 1.98, applicant and the undersigned attorney wish to bring the following information to the Examiner's attention in connection with the examination of the above-captioned application.

The documents are listed on PTO/SB/08A Substitute for Form PTO-1449 which accompanies this Information Disclosure Statement. A copy of each foreign document and each non-patent literature document cited thereon is enclosed herewith. English language abstracts are included herewith for the non-English documents.

<b><u>FOREIGN PATENT DOCUMENTS</u></b>		
Foreign Patent Document	Publication Date	Name of Patentee or
Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup>	MM-DD-YYYY	Applicant of Cited Document
JP 10-013353	01/16/1998	Nippon Telegraph and Telephone Corporation
JP 2700622	01/21/1998	Nippon Telegraph and Telephone Corporation
JP 2001 - 119097	04/27/2001	Nippon Telegraph and Telephone Corporation

**NON PATENT LITERATURE DOCUMENTS**

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

Transmission equipment for transferring multi-channel television signals over optical access networks by FM conversion, International Standard, ITU-T J. 185.

SHIBATA et al., Optical image distribution system using an FM batch conversion method, Institute of Electronics, Information and Communication Engineers, Technical Journal B, Vol. J83-B, Nos. 7, July 2000, pages 948-959 (only pertinent part is translated).

SUZUKI et al., Pulsed FM batch conversion modulation analog optical CATV distribution method, Institute of Electronics, Information and Communication Engineers, Autumn Conference, B-603, 1991 (All the document is translated).

KOBAYASHI, Masahiko, et al., Push-Pull FM Optical Modulator/Transmitter for Optical Video Transmission System Employing Super Wide-Band FM Scheme, The Institute of Electronics, Information and Communication Engineers, Vol. 1998, Society B2, September 29, 1998, page 448 (All the document is translated).

**REMARKS**

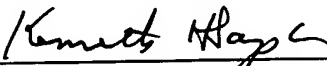
Pursuant to 37 CFR § 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 CFR § 1.56(b).

It is respectfully requested that the Examiner consider the above materials and make them of record in the above-captioned application.

The Commissioner is hereby authorized to charge any fees which may be required in this application under 37 C.F.R. § 1.16-1.17 to Deposit Account No. 06-1135.

Respectfully submitted,

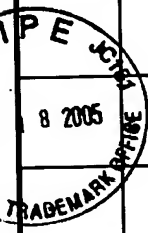
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<b>PTO/SB/08a</b> Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		Application Number	10/525,615		
		Filing Date	February 25, 2005		
		First Named Inventor	Koji Kikushima		
		Art Unit	2872		
		Examiner Name	Not Yet Assigned		
Sheet	1	of	1	Attorney Docket	85052

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup>				
		JP 10-013353	01/16/1998	Nippon Telegraph and Telephone Corporation		X
		JP 2700622	01/21/1998	Nippon Telegraph and Telephone Corporation		X
		JP 2001 - 119097	04/27/2001	Nippon Telegraph and Telephone Corporation		X

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Transmission equipment for transferring multi-channel television signals over optical access networks by FM conversion, International Standard, ITU-T J. 185.	
		SHIBATA et al., Optical image distribution system using an FM batch conversion method, Institute of Electronics, Information and Communication Engineers, Technical Journal B, Vol. J83-B, Nos. 7, July 2000, pages 948-959 (only pertinent part is translated).	X
		SUZUKI et al., Pulsed FM batch conversion modulation analog optical CATV distribution method, Institute of Electronics, Information and Communication Engineers, Autumn Conference, B-603, 1991 (All the document is translated).	X
		KOBAYASHI, Masahiko, et al., Push-Pull FM Optical Modulator/Transmitter for Optical Video Transmission System Employing Super Wide-Band FM Scheme, The Institute of Electronics, Information and Communication Engineers, Vol. 1998, Society B2, September 29, 1998, page 448 (All the document is translated).	X

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.